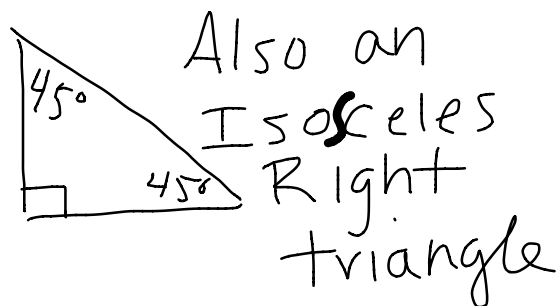
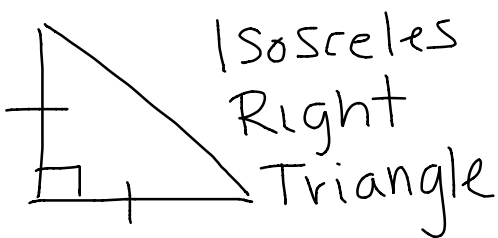
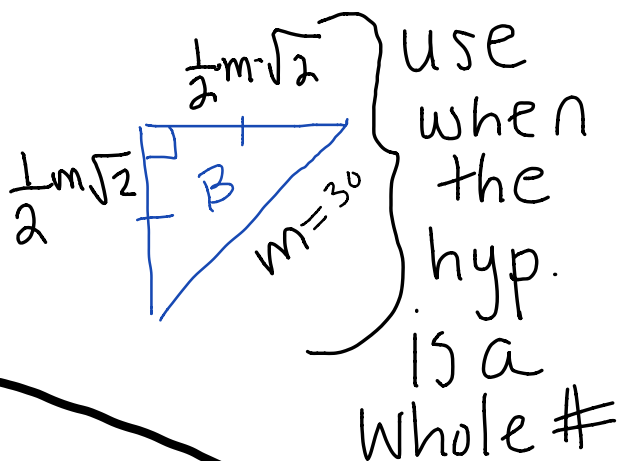
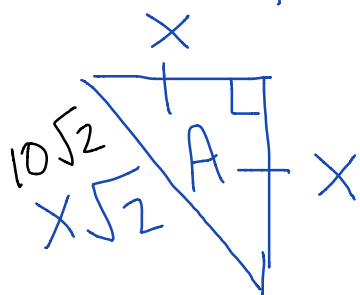


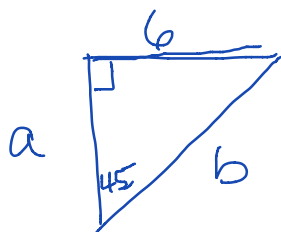
# Special Right Triangle: 45-45-90



Rules for 45-45-90 triangles.

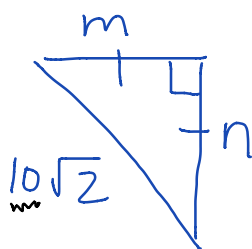


## Examples



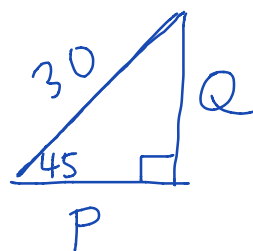
$$a = 6$$

$$b = 6\sqrt{2}$$



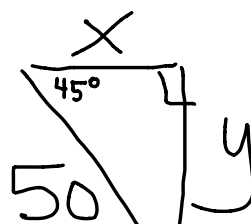
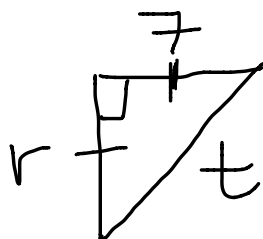
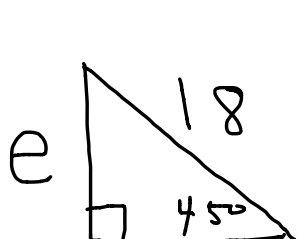
$$m = 10$$

$$n = 10$$



$$P = 15\sqrt{2}$$

$$Q = 15\sqrt{2}$$



$\overline{d}$

$$e = 9\sqrt{2}$$

$$d = 9\sqrt{2}$$

$$r = 7$$

$$t = 7\sqrt{2}$$

$\vee$

$$x = 25\sqrt{2}$$

$$y = 25\sqrt{2}$$